Amdt. Dated: February 4, 2005

Reply to Office Action dated August 16, 2004

Amendments to the Abstract:

Please amend the Abstract at page 16, lines 1-12 as follows:

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for encoding/decoding RS (Reed-Solomon) code

using a binary equivalence method of bit level comprises: . The apparatus includes a

binary conversion unit for conversion-converting non-binary symbols outputted from

a source information inputting unit into binary symbols and getting bit level RS code

using a binary equivalence of the RS code; a, an encoding unit for generating row and

column vectors using the bit level RS code as a component code; and a decoding

unit for decoding the row and column vectors using the binary equivalence of the RS

code for the bit level RS sequence; whereby branch complexity is reduced than a case

of using non-binary symbols, and the size of the interleaver is greatly enlarged in bit

level.

2